

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/633,558	SEKINE ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mark Blouin	2653	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/6/05.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

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### **Detailed Action**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

**Claim 6, lines 7 and 11:** "urging" has been replaced by "holding"

#### ***Response to Amendment***

2. The reply filed on July 6, 2005 was applied to the following effect: Claims 1 and 3-6 are amended, and Claims 7-10 are added.

#### ***Specification***

3. The objection has been satisfied.

#### ***Claim Rejections - 35 USC § 102***

4. All relevant rejections have been satisfied.

#### ***Reasons for Allowance***

5. Claims 1-10 are allowed.
6. The following is an examiner's statement of reasons for allowance:

This application is for an ejection mechanism.

- **Claims 1 and 10** specify an ejection mechanism, which requires:

***"...a cartridge engagement device for engaging with the disk cartridge to inhibit the disk cartridge from moving beyond the removal position, while the disk cartridge is***

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*moved from the loaded position to the removal position; a cartridge engagement assistance device movable between a release position at which a release of an engagement of the cartridge engagement device with the disk cartridge is allowed, and a prevention position at which the release of the engagement of the cartridge engagement device with the disk cartridge is prevented, wherein while the disk cartridge is moved from the loaded position to the removal position, the cartridge engagement assistance device is situated in the prevention position, and a releasing device for moving the cartridge engagement assistance device from the prevention position to the release position, after the disk cartridge is moved from the loaded position to the removal position."*

These features, in combination with the other features of Claims 1 and 10, are not anticipated by, nor made obvious over, the prior art of record.

- Claim 6 specify a head feeding mechanism, which requires:

*"...holding the disk cartridge with a first holding force by which the disk cartridge is not moved further than the removal position by applying an additional holding force to the disk cartridge at least while the disk cartridge is moved from the loaded position to the removal position, and thereafter holding the disk cartridge with a second holding force that is smaller than the first holding force by removing the additional holding force after the disk cartridge is moved from the loaded position to the removal position."*

These features, in combination with the other features of Claim 6, are not anticipated by, nor made obvious over, the prior art of record.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

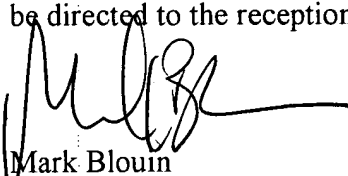
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*Conclusion*

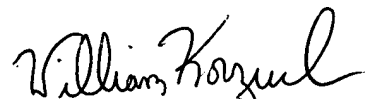
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is (571) 272-7583. The examiner can normally be reached M-F, 6:00 am – 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful the examiner's supervisor, William Korzuch can be reached at (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300 for regular and After Final communications.

Any inquiry of general nature or relating to the status of application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.



Mark Blouin  
Patent Examiner  
Art Unit 2653  
October 11, 2005



WILLIAM KORZUCH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600